

CLAIMS

What is claimed is:

- 5 1. A tire pressure indicating apparatus with opposing proximal and distal ends comprising: an inner cylinder having a reduced diameter portion and a proximally disposed transverse aperture; an outer cylinder having a distally disposed transverse hole; the inner and outer cylinders coaxially disposed and sealingly engaged distally, thereby forming a cylindrical space therebetween; a cylindrical piston within the
10 cylindrical space slidably urged proximally by a coil spring; a cylindrical seal separating the space between a higher pressure proximal zone and a lower pressure distal zone, the seal moving with the piston, and a mounting cylinder air-tight sealingly engaged with the outer cylinder and terminating proximally with a tire air valve mounting means for mounting the apparatus on a tire air valve.
- 15 2. The apparatus of claim 1 wherein the outer cylinder provides a viewing means positioned for observing the piston.
3. The apparatus of claim 2 wherein the piston is marked to indicate a tire pressure condition.
4. The apparatus of claim 1 further comprising a threaded nipple distally terminating the
20 inner cylinder.
5. The apparatus of claim 4 wherein the threaded nipple further comprises an air inlet valve.
- 25 6. A tire pressure indicating apparatus with opposing proximal and distal ends comprising: an inner cylinder having a reduced diameter portion and a proximally disposed transverse aperture; an outer cylinder having a distally disposed transverse hole; the inner and outer cylinders coaxially disposed and sealingly engaged distally, thereby forming a cylindrical space therebetween; a cylindrical piston within the cylindrical space slidably urged proximally by a coil spring; a cylindrical seal separating the space between a higher pressure proximal zone and a lower pressure

distal zone, the seal movable with the piston; the apparatus terminating proximally with a tire wheel mounting means for mounting the apparatus on a tire wheel.

7. The apparatus of claim 6 wherein the outer cylinder provides a viewing means positioned for observing the piston.
- 5 8. The apparatus of claim 7 wherein the piston is marked to indicate a tire pressure condition.
9. The apparatus of claim 6 further comprising a threaded nipple distally terminating the inner cylinder.
- 10 10. The apparatus of claim 9 wherein the threaded nipple further comprises an air inlet valve.
11. The apparatus of claim 6 wherein the tire wheel mounting means comprises a grommet, a cupped washer and a compression fastener.